

3. (Original) The process of claim 1 wherein the elongated strip of covering material is a multilayered foil and wherein one layer is an adhesive, a second layer is a plastic film carrier, and a third layer is a release layer and further comprising the step of applying a controlled pressure as the multilayered foil is brought into contact with the muntin bar material to cause the adhesive layer to bond to the muntin bar material.

4. (Original) The process of claim 3 additionally including applying heat to a region of contact between the covering material and the muntin bar material.

5. (Original) The process of claim 4 wherein the muntin bar material is a flexible metal strip of material that is unwound from a coil and then moved through a heating zone prior to bringing the covering material into contact with the said flexible metal strip.

6. (Original) The process of claim 5 wherein a combined strip of flexible metal strip and adhering covering material is moved through a cooling region downstream from a region wherein the covering material is applied to the metal strip.

7. (Original) The process of claim 6 wherein a combined strip of flexible metal strip and adhering covering is wound onto a supply downstream from the cooling region.

8. (Original) The process of claim 2 wherein one entire side of the elongated muntin bar material is painted to provide a painted surface and wherein one half of said painted surface is covered with the elongated strip of covering material to form a two tone muntin bar strip.

9. (Original) The process of claim 4 wherein the applying of heat is performed by a heated contact roll that also applies pressure to a region of engagement between the elongated strip of muntin bar material and the elongated strip of covering material.

10. (Original) The process of claim 1 wherein the elongated strip of stock material is roll formed to form a rectangular muntin bar.

11. (Original) The process of claim 1 wherein the elongated strip of stock material is roll formed to form a contour muntin bar.

12. (Original) The process of claim 1 wherein one complete surface of the stock material is covered with the covering material to define an outer appearance for both sides of a roll formed muntin bar.

13-23 (Cancelled)

24. (Original) A process for making elongated stock material for fabrication into muntin bars comprising the steps of:

a) providing an elongated strip of muntin bar material that has been treated on at least a portion of one side to define an outer surface of a completed muntin bar fabricated from the muntin bar material;

b) providing an elongated strip of covering material for controlled application onto a specified portion of the treated portion of the muntin bar material, said elongated strip of covering material including an adhesive for adhering the covering material to the muntin bar material; and

c) bringing the muntin bar material and the covering material into contact with each other to cause the covering material to overlie and adhere to the muntin bar material and form an elongated strip of stock material which is subsequently bent to form a muntin bar.

25. (Original) The process of claim 24 additionally comprising applying a coating to the elongated muntin bar material by painting the elongated muntin bar material on said one side prior to bringing the covering material into contact with a painted portion of said one side of the muntin bar material.

26. (Original) The process of claim 24 wherein the elongated strip of covering material is a multilayered foil and wherein one layer is an adhesive, a second layer is a plastic film carrier, and a third layer is a release layer and further comprising the step of applying a controlled pressure as the multilayered foil is brought into contact with the muntin bar material to cause the adhesive layer to bond to the muntin bar material.

27. (Original) The process of claim 26 additionally including applying heat to a region of contact between the covering material and the muntin bar material.

28. (Original) The process of claim 27 wherein the muntin bar material is a flexible metal strip of material that is unwound from a coil and then moved through a heating zone prior to bringing the covering material into contact with the said flexible metal strip.

29. (Original) The process of claim 28 wherein a combined strip of flexible metal strip and adhering covering material is moved through a cooling region downstream from a region wherein the covering material is applied to the metal strip.

30. (Original) The process of claim 29 wherein a combined strip of flexible metal strip and adhering covering is wound onto a supply downstream from the cooling region.

31. (Original) The process of claim 25 wherein one entire side of the elongated muntin bar material is painted to provide a painted surface and wherein one half of said painted surface is covered with the elongated strip of covering material to form a two tone muntin bar strip.

32. (Original) The process of claim 27 wherein the applying of heat is performed by a heated contact roll that also applies pressure to a region of engagement between the elongated strip of muntin bar material and the elongated strip of covering material.

33. (Previously Presented) A process for making muntin bars, comprising:

a) providing an elongated strip of muntin bar material that has been treated on at least a portion of one side to define an outer surface of a completed muntin bar fabricated from the muntin bar material;

b) providing an elongated strip of covering material for controlled application onto a specified portion of the treated portion of the muntin bar material, said elongated strip of covering material including an adhesive for adhering the covering material to the muntin bar material;

c) bringing the muntin bar material and the covering material into contact with each other

to cause the covering material to overlie and adhere to the muntin bar material and form an elongated strip of stock material;

d) defining a notch that extends inward from an edge of said stock material; and,

e) roll forming the stock material to form a muntin bar having a notch for interfitting with a notch of a second muntin bar.

34. (Previously Presented) The method of claim 33 wherein said notch of the second muntin bar is defined by a notch that extends inward from a second edge of said stock material.

35. (Previously Presented) A process for making a muntin bar grid, comprising:

a) providing an elongated strip of muntin bar material that has been treated on at least a portion of one side to define an outer surface of a completed muntin bar fabricated from the muntin bar material;

b) providing an elongated strip of covering material for controlled application onto a specified portion of the treated portion of the muntin bar material, said elongated strip of covering material including an adhesive for adhering the covering material to the muntin bar material;

c) bringing the muntin bar material and the covering material into contact with each other to cause the covering material to overlie and adhere to the muntin bar material and form an elongated strip of stock material which is subsequently bent to form a muntin bar;

d) defining a first notch that extends inward from a first edge of said stock material;

e) defining a second notch that extends inward from a second edge of said stock material;

f) roll forming said elongated strip of stock material to form an enclosed structure;

g) severing said enclosed structure to form a first muntin bar that includes said first notch and a second muntin bar that includes said second notch; and,

h) interfitting said first notch and said second notch to form a muntin bar grid.

Consideration of the application in view of the present amendment is respectfully requested.  
Claims 21-23 have been cancelled. Claims 1-12 and 24-35 are pending

In view of the foregoing, it is submitted that the application is in condition for allowance,  
prompt notice to that effect is respectfully requested.

Respectfully submitted,

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